

DX LISTENING DIGEST 6-064, April 21, 2006
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

Items from DXLD may be reproduced and re-reproduced only if full credit be maintained at all stages and we be provided exchange copies. DXLD may not be reposted in its entirety without permission.

Materials taken from Arctic or originating from Olle Alm and not having a commercial copyright are exempt from all restrictions of noncommercial, noncopyrighted reusage except for full credits

For restrictions and searchable 2006 contents archive see
<http://www.worldofradio.com/dxldmid.html>

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

NEXT SHORTWAVE AIRINGS OF WORLD OF RADIO 1312:

Sat 0400 on WRMI 9955
Sat 0800 on WRN DRM Bulgaria 13865
Sat 1430 on WRMI 7385
Sat 1600 on WWCR 12160
Sun 0230 on WWCR 5070
Sun 0300 on WBCQ 9330-CLSB
Sun 0530 on WRMI 9955
Sun 0630 on WWCR 3215

Latest edition of the above: <http://www.worldofradio.com/radioskd.html>
For updates see our Anomaly Alert page:
<http://www.worldofradio.com/anomaly.html>

WRN ON DEMAND:
<http://new.wrn.org/listeners/stations/station.php?StationID=24>

OUR ONDEMAND AUDIO [also CONTINENT OF MEDIA, MUNDO RADIAL]
<http://www.worldofradio.com/audiomid.html>
or <http://wor.worldofradio.org>
WORLD OF RADIO PODCASTS: www.obriensweb.com/wor.xml

** ANTARCTICA. I meant to remind people on Monday, and on Tuesday, as I write it is not quite too late to try for LRA-36, Antarctica on 15476. Gabriel Iv·n Barrera reported last week that they were supposed to reactivate on April 17.

April 18 at 2030, no carrier detectable, tho there is now nothing else audible between 15465 (weak carrier) and 15495 (Kuwait, much weaker as

usual than // 15505), so a nice clear part of the band for a change. Conditions are pretty good with Kuwait, and also NZ 15720 coming in well, but not much from South America. Chile 15340 is there, but weak. Anyway, if it's not too late today, and certainly tomorrow onwards, look for LRA36 between 19 and 21, M-F, scheduled from 18- but I suppose that hour still collides with ANO Gabon. 73, (Glenn Hauser, OK, 2046 UT April 18, dxldyg via DX LISTENING DIGEST)

I forgot to check as well! Nothing at all heard here at 2050 on 15476 (Steve Lare, Holland, MI USA, April 18, ibid.)

As they get into winter down there, especially at solar trough, 15 MHz may well not be propagating very long after sunset, so probably a better chance earlier at 19 (gh, WORLD OF RADIO 1312, DXLD)

Solar-terrestrial indices for 18 April follow. Solar flux 74 and estimated mid-latitude A-Index 4. The mid-latitude K-index at 2100 UTC on 18 April was 0 (2 nT). No space weather storms were observed for the past 24 hours. (SEC via DXLD)

No trace here of LRA36 on 15476 today at 2015 check. Propagation or just not reactivated yet? (Steve Lare, Holland, MI USA, April 19, dxldyg via DX LISTENING DIGEST)

**** AUSTRALIA. RA RESUMES CYCLONE BROADCASTS**

Call International Rescue - we have a DXer in trouble. Oh dear, The cyclone season was just about to end and look what happens ---

Four day cyclone forecast
<http://www.bom.gov.au/products/IDG00074.shtml>

Cyclone tracking map
<http://www.bom.gov.au/products/IDD65011.shtml>

For those who wish to monitor online the final few days of my life, please visit
http://www.bom.gov.au/cgi-bin/wrap_fwo.pl?IDDP0007.txt

Cyclone broadcast available on shortwave transmission: ABC Far North will be broadcasting on shortwave service 6020 kHz from 1800 April 18 and on 11650 kHz from 0600 April 19. [CORRECTED below]

Also visit <http://www.abc.net.au/farnorth/> and then in a day or so on <http://abc.net.au/darwin/>

Craig Edwards, Nhulunbuy (Gove), Northern Territory, Australia
nutritionandsports @ bigpond.com

http://www.dxing.info/dxpedititions/nhulunbuy_2005_12.dx
<http://www.dxing.info/dxpedititions> see Australia
(April 18, HCDX via DXLD)

Hi Craig and all, following Craig's entry about ABC Far North on 11650 kHz I tried the frequency at 0635 UT today Wednesday April 19, without many expectations. But it was there on my AOR AR7030. I had to use every trick in the book to get it readable due to weak signal and severe QRM. WRTH-2006 says this is Shepparton, with 100 kW, so it's really not a new DX-station for me, but the studio and its messages surely are. At 0651 "Tropical Cyclone Advice 23...", warning about high winds, floodings, etc. and advising people to stay calm and remain in shelter. At 0700 "On... and ... this is ABC Far North". In a newscast that followed there was a phone report from Jakarta, and at 0712 another cyclone warning. Around 0720 the signal was completely lost here. Well, I trust you're all right Craig, you seem to be prepared. Thank you for the tip. 73 (Johan Berglund, Trollhättan, Sweden AOR AR7030, longwire, HCDX via DXLD)

Hi Glenn, At 0800 UT they seem to have changed over from 11650 to 6020. ToH ABC news (rioting in Solomon Is. for the past 24 hours; information about Cyclone Monica, which is bringing heavy rains to Cape York; cricket scores; weather forecast), fair.

Apr 19, on 6020, at 1000 UT, news, detailed cyclone warning at 1006, several "ABC Far North" IDs and then several phone-in reports, talked a lot about the Barron River flooding and possible evacuation from the flatlands, asked for people to call in with what was going on in their area, good reception after RN signed off at 1015 (Ron Howard, Monterey, CA, RX340, with T2FD antenna, DX LISTENING DIGEST)

I just realised my email yesterday is misleading re the SW schedule. Radio Australia is relaying ABC Far North in Cairns for Tropical Cyclone Monica as follows: 2000-0600 UT (6 am-6 pm Australian EST) on 11650 kHz; 0600-2000 UT (6 pm-6 am Australian EST) on 6020 kHz [still not correct: see below]. One of the two ABC radio links provided at the end of this email may also give details of live webstreaming at some stage.

Nhulunbuy http://www.dxing.info/dxpedititions/nhulunbuy_2005_12.dx where I live is now receiving cyclone warnings which are likely to hit us tomorrow night, around the Thursday 1200 UT region onwards. Nhulunbuy should be OK for the next 24 hours (Wednesday 0200 UT to Thursday 0200 UT), but after that I fear things will get a little funky (Craig Edwards, NT, 0140 UT April 19, WORLD OF RADIO 1312, DX LISTENING DIGEST)

Currently audible here on 11650 with a Credence Clearwater tune

followed by an "ABC Far North" ID at 2130 (Steve Lare, Holland, MI, USA, April 18, dxldyg via DX LISTENING DIGEST)

Hi Glenn, Believe it is actually 0800 UT = 0600 PM AEST, at Cairns, Queensland. Their sunset is about 0805 UT, so the changeover in frequency works out well.

Apr 20 observed ABC on 11650 from 0735 to about 0759*, with mostly detailed weather report and forecast for tomorrow, poor-fair. Changed over to 6020 with sign-on a little after 0800, suddenly on, with the news in progress (situation in the Solomon Is., etc.), fair. Before 0800 the only station heard was R. Victoria (Peru) on 6019.65 with a fair signal (Ron Howard, Monterey, CA, RX340, with T2FD antenna, DX LISTENING DIGEST)

ABC SHORTWAVE COVERAGE OF TROPICAL CYCLONE MONICA ON ITS WAY TO NHULUNBUY

Hi Everyone, Probably my last email for a while as we're preparing for the cyclone at work - such as taping up windows, putting computers in water proof containers, etc. If you're interested, here are the links that show what's happening - just starting to get a bit nervous now...

This shows the current position
<http://www.bom.gov.au/products/IDD65011.shtml>

This shows the predicted path
<http://www.bom.gov.au/products/IDD65811.shtml>

ABC Radio North Queensland is still broadcasting via Radio Australia on 6020 kHz at 0800-2000 UT and on 11650 kHz on 2000-0800 UT. However their focus is really on the flooding in north Queensland as the cyclone has passed over Queensland. The ABC radio we get in Nhulunbuy on 990 kHz originates from the ABC Darwin studios on 105.7 FM. So I'm assuming 6020 and 11650 will stay with ABC Far North Queensland's Cairns studio while ABC NT may assume that the 5025 kHz and 2485 kHz is adequate for SW coverage. Cheers (Craig Edwards, Nhulunbuy (Gove), Northern Territory, Australia, nutritionandsports @ bigpond.com ced34654 @ bigpond.net.au <http://www.dxing.info/dxpedititions> see Australia; http://www.dxing.info/dxpedititions/nhulunbuy_2005_12.dx 2338 UT April 20, DX LISTENING DIGEST)

11650 was booming in around 0545 April 21, with Queensland programming but nothing at the moment about the storm; regular RA programming apparently around 1330 on 6020 (Glenn Hauser, OK, DX LISTENING DIGEST)

6020 noted carrying Radio Australia programming again at 1200 on 21 April (Steve Lare, Holland, MI, USA, dxldyg via DX LISTENING DIGEST)

Good Luck to Craig and others affected in that part of Australia.
ABC via 11650 is making it to me this morning (April 20 [sic, must mean April 21]), but only just at around 0730. It is weak with splash from Greece 11645. However I have heard a time check which seems to confirm what I'm listening to. 73 (Noel R. Green (NW England), 0743 UT April 21, dxldyg via DXLD)

I listened to 6020 this morning (April 21st) from 1230 'til a little after 1300, and there was no mention of ABC Far North or any type of Cyclone coverage. IDs including the top of hour ID only mentioned "ABC Radio National". Has the Far North service SW relay already ceased? 73 (J. D. Stephens Hampton Cove, Alabama, USA, HCDX via DXLD)

For those interested, the SW coverage from Shepparton did not continue on 6020 after 11650 stopped at 0800Z. Today, 11650 carried ABC Brisbane to give the ABC Far North (Cairns) staff a rest. It has been fascinating listening over the last few days. I don't know if the SW coverage will fire up again for NE Arnhem Land as Monica approaches - does anyone know about that? Cheers (Ian Johnson, Brisbane, April 21, ARDXC via DXLD)

** AUSTRALIA. ABC Kimberley WA --- RADIO RAUCOUS BURNS HF EARS
Friday, 21 April 2006 Presenter: Vanessa Mills
<http://www.abc.net.au/kimberley/stories/s1621171.htm?backyard>

But is it better than two baked bean cans and some string?

HF Radio connects when modern technology fails

HF, or High Frequency, radio has been a popular form of communication for travellers, truckies, farmers and amateur radio hams for decades. It works when mobile or satellite phones can't. Moreover, in remote areas HF is often the only method of communication.

But HF radio operators in the Kimberley have noticed an alarming increase in interference on the emergency RFDS channel.

Charles Gimbel has lived in Kununurra for 23 years and is a dedicated HF radio operator. He's often heard calls for help on the HF and acted as an intermediary between emergency services like the RFDS and police.

Charles recalls hearing an emergency siren on the HF set off by a toddler. The bub's mother was trapped under their vehicle along the Tanami track.

By chance there was a helicopter in the region and the woman was

quickly rescued and transferred to the Halls Creek Hospital.

But Charles is concerned that overnight radio interference will wipe the HF out. A piercing noise is making the RFDS frequency 5300, and other nearby frequencies, unusable during the night. Mr Gimbel says this year the noise has been a constant overnight feature from about 5 til 5.

Charles has lodged his concerns with the Australian Communications and Media Authority. The RFDS is also keep an ear on proceedings.

HF ham; Charles Gimbel [audio link, 5:20; includes the noise]
The Noise [audio link, only 4 seconds, difficult to assess --- gh]

What do you think ... have your say in our Guestbook!
Visit our home page to begin another Kimberley adventure!

Related Links: Some of these links may be to sites outside the ABC and as such the ABC has no editorial control over such sites.

Australian HF Radio Network <http://www.vks737.on.net/>

Australian Communications and Media Authority
<http://www.acma.gov.au/acmainter> (via Kim Elliott, DXLD)

** BELARUS. 7105, Belaruskaje Radyjo 1, Minsk, 1640-1700*, Sat Apr 04, Belarusian or Russian talks // Hrodna on 7110 which continued after 1700. Both heard with moderate signal strength, although they are listed with 150 and 5 kW respectively (Roland Schulze, Stuttgart, Germany, DSWCI DX Window April 19 via DXLD)

** BELARUS [non]. Radio Polonia to Belarus

In DXLD 6-063, Kai Ludwig says: ``Re Radio Polonia FM broadcasts of ethnic Poles in Belarus: So 105.3 is the frequency, but what's the site?! Can't find any Polskie Radio transmitter that would match.``

According to the Radio Polonia website, it's via Radio Melodiya (Dibrowica, Ukraine). Details are on this page:
http://www.polskieradio.pl/polonia/bialorus_pl.asp

But there's something weird about it, as Radio Polonia converts the local time to UTC by deducting 5 hours. That is surely wrong. It's UT +3 in all the sources I've checked. Assuming the quoted local times are correct, UTC is off by two hours.

BTW Radio Polonia also has extensive relays of its Polish service via domestic stations in the rest of the Ukraine. Unfortunately, although

the times are given, the frequencies aren't :-(
http://www.polskieradio.pl/polonia/ukraina_pl.asp
(Andy Sennitt, Netherlands, April 18, dxldyg via DX LISTENING DIGEST)

** BELGIUM. Not only Spanish, but VRT writes in another language it does not broadcast, Italian, wanting reception reports ---

Nuovo trasmettitore in Belgio? Buongiorno! Vi contatto perch  stiamo per provare un nuovo trasmettitore (era ora, il nostro OC3   attivo dal 1952!!!!) e varie antenne per migliorare il nostro segnale onde corte sul 9970 kHz nel Sud Europa. Cerchiamo degli ascoltatori per valutare la recezione alcuni minuti al giorno durante il mese di maggio. Sarebbe possibile metterci in contatto con alcuni ascoltatori in particolare nel Sud Italia che potrebbero essere interessati a partecipare a questi test, per favore? Vi ringrazio per il vostro aiuto. Auguri e saluti da Bruxelles! Priscille CAZIN RTBFI (via bclnews.it via DXLD) ``9979`` no doubt was a typo for ``9970`` (gh)

Priscille Cazin answered that test transmissions will start next 2 May on 9970. But the final program is to be established. Saludos (Ignacio Sotomayor, Spain, April 20, DX LISTENING DIGEST) Viz.:

Buenos d as! Much simas gracias por su inter s! Empezaremos los tests a partir del 2 de mayo en el 9970 kHz. Tengo que hablar con nuestro servicio de transmisores para establecer un programa de tests. Le mandar  mas informaciones esta semana. Saludos de B lgica! Priscille CAZIN

RTBF international Tel: ++ 32 2 737 40 14 Fax: ++ 32 2 737 30 32
Mail: prc @ rtbf.be et rtbfi @ rtbf.be
Adresse: RTBFI, local 3C21, BRR016
Bd. Auguste Reyers 52, 1044 Bruxelles, Belgique
Radio T l vision Belge de la Communaut  fran aise

(via Ignacio Sotomayor, DXLD)

** BOLIVIA. 5001v, R Virgen de Los Remedios (presumed), 2235-2300, Mar 18, Spanish religious programme of talks mainly, and musical inserts, several Bolivian places mentioned, slowly drifting from 5000.42 up, fair to poor signal (Vashek Korinek in Dxplorer, via DSWCI DX Window April 19 via DXLD)

** BOLIVIA. R. Pio Doce, 5952.5, 0130-0229* April 14, CP music, Spanish talk, ads. Fair level but splatter from Okeechobee 5950 (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** BOLIVIA. 5952.5, Radio Pio XII, 2335-2358, 19-04, locutor, espa ol y quechua, comentarios. Se al muy d bil e interferida por emisora

internacional con programa en chino en los 5950 kHz. 122221 [sic].

6025, Radio Illimani, 2301-0015, 19-04, Programa "Radiodeporte", transmisi n del partido de f tbol de la Copa Libertadores de Am rica entre los equipos Newells Old Boys de Argentina y The Strongest de Bolivia: "33 minutos de juego, sigan en nuestra sinton a, juega el equipo pace o". "Informa Radiodeporte, transmitimos la Copa Libertadores de Am rica". "Estamos con el f tbol, Copa Libertadores de Am rica, Radiodifusi n Boliviana". "Gooool, Ariel Zapata marca para Newells, 1-0". "Radiodeporte". Se escucha a partir de las 2300 que cierran las emisoras internacionales que transmiten en esta frecuencia. 23222.

6105.5, Radio Panamericana, 2353-0005, 19-04, transmisi n del partido de f tbol de la Copa Libertadores de Am rica entre Newells Old Boys de Argentina y The Strongest de Bolivia. Se al muy d bil y por momentos apenas audible. 13221.

6134.8, Radio Santa Cruz, Santa Cruz de la Sierra, 0000-0020, 20-04, locutor, locutora, clases de gram tica, explicaci n sobre formaci n de oraciones sint ticas. A las 0006 identificaci n por locutor: "Transmite Radio Santa Cruz", "Sigam en la sinton a de Radio Santa Cruz". 0008: "Comienza el programa Radiocadena Deportiva, primera jornada deportiva de los equipos de Santa Cruz de la Sierra". Transmisi n partidos de f tbol y anuncios comerciales. Se escucha a partir de las 0000 que cierra Radio Rep blica en 6135 kHz. 24322 (Manuel M endez, Lugo, Espa a, escuchas realizadas en Friol, 27 Km. W de Lugo. Grundig Satellit 500 y Sony ICF SW 7600 G, Antena de cable, 10 metros, orientada WSW, DX LISTENING DIGEST)

** BRAZIL. R. Marumby, 9665, 0100-0215+ April 15, Portuguese church service, religious music, ID. Fair level but mixing with unID station; in the clear after 0200. Very weak // 11749.86.

R. Bandeirantes, S o Paulo, 9645.1, 0130-0200+ April 15, Portuguese pop music, ad string, ID, talk with short music breaks. Fair; very weak // 11924.97.

R. Cultura, S o Paulo, 9614.97, 0210-0305* April 15, EZ listening Portuguese ballads, lite jazz, Portuguese announcements. Sign-off with NA. Weak but in the clear; barely audible on // 6170 (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** BRAZIL. R DIO GLOBO REATIVADA EM 25 METROS --- Estou compartilhando a informa  o que acabo de receber da parte de Joseny Luiz Gon alves, de Castro (PR):

Ol , Fiquei t o contente que resolvi ser o primeiro a lhe contar. A

Rádio Globo do Rio voltou a transmitir nos 11805 khz. Pelo menos ouvi hoje dia 18/04 durante a tarde com excelente recepção. Cerca de 60 dias atrás enviei uma correspondência para a emissora solicitando que retornassem com as ondas curtas. Não sei se minha carta influenciou ou não, mas o fato é que voltaram a transmitir. Espero que seja em definitivo. Um abraço (via Célio Romais, April 18, radioescutas via WORLD OF RADIO 1312, DXLD)

A propagação estava "escancarada" dia 18/4, de manhã, e nas ondas curtas de 25m sintonizei também a Globo do Rio com sinal bom, áudio claro, bem presente. Esperemos que permaneça. Uma centena de vezes a Globo do Rio em 25m colocou no ar este TX e o retirou sem cerimônia. Se não me engano esta deve ser a frequência que antigamente era da extinta Rádio Mayrink Veiga, também do Rio. O TX por muito tempo ficou no ar na época, sempre com boa qualidade de som e potência. Hoje, é a única emissora carioca que transmite em ondas curtas (49m e 25m). A Globo de SP e do Rio em 49m está no ar, porém, com má qualidade. Mantê-los no ar é desperdiçar energia. Em 31m, ela mantém um TX que era da Excelsior, que na época (anos 70's) era chamada "A Máquina do Som". O áudio aí até que é bom. ... o que há. Forte 73 (Luiz Chaine Neto, Limeira -sp- 19-4-2006, ibid.)

Chaine e Romais, Aqui em Recife até às 6:30 h da manhã, [local? = 0930 UT] o sinal é razoável com os desvanecimentos normais do espectro de 25m; com uma telescópica e velho ICF5900SW acusou a presença da Globo Rio em 11805, porém já mais tarde a partir das 0915 sofre interferência severa de uma emissora em espanhol que não pude identificar. Quem sabe na direcional de 3 elementos (20-15-10m) com o sintonizador de antenas consegue alguma melhora, mas já é mais uma. Estou iniciando contatos para que a Rádio Jornal do Comércio reative o seu transmissor de 25 metros cujo canal ainda existe.

Acredito que o maior empecilho é a falta de uma divulgação e de aparelhos populares com banda de OC. Praticamente estamos na mão da MOTOBRÁS e da SEMP e ainda esta última Chinesa!!! Onda Curta seria econômico e acessível ao nosso sertanejo tal qual é na Amazônia com o sistema Radiobrás. Esse negócio de fundar emissoras nanicas no interior com retransmissão via satélite das grandes redes é coisa de político mal intencionado que monta uma comunidade em FM nos lugarejos e controla politicamente os lugares. Aqui no Nordeste está cheio e até há disputa de bala!!! Recentemente assassinaram um "radialista vereador" em Carpina/ Pernambuco porque fazia campanha antinepotismo!!!! O negócio é OC que anula estes oportunistas (Cezar Camillo Alves Pelzer, April 19, ibid.)

** BRAZIL. Re 6-062, 4965 kHz, R. Alvorada, Parintins, Amazonas at 0859 UT . . . the middle time cited, ``0509``, must have slipped into EDT, even tho it was not yet in effect, and meant to be 0909, since

the third and final time cited was 1000 UT (gh, DXLD)

** CANADA. 6160, 0857-, CKZN, Mar 16. Local CBC St. John's ID and CBC programming at fair level. Not bad at all, all the way down to the Amazon jungle! Nice to hear news from home (Volodya Salmaniw, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

9625, 1203-, CBC Northern Quebec Service, Mar 12. Again, interesting to see how this domestic service is reasonably well heard way down in Quito. Radio One ID followed by Montreal and Quebec weather forecasts (Walt Salmaniw, Quito, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** CANADA. CBC DECIMATES DESIGN DEPARTMENT, ANNOUNCES 79 LAYOFFS IN TORONTO April 20, 2006 (la version franÁaise suit)

Our fearless leaders' latest business duhcision:

=====

The closing of CBC's design department is a big mistake and marks the end of the public broadcaster's ability to produce its own TV programs in house, according to Canadian Media Guild leaders.

"The CBC is also pre-empting the government mandate review and public input by taking this action now," says Lise Lareau, national president of the Canadian Media Guild. A newspaper report published today indicates that Heritage Minister Bev Oda wants to move quickly to launch the review.

"CBC says it will save \$1 million per year by killing the design department and keeps referring to layoffs as another business decision," says Arnold Amber, president of the Guild's CBC Branch. "This is really about people and their lives. In this particular case, people have contributed many years of first-rate service to make CBC look wonderful on the air. When these people walk out the door for the last time, they will be taking with them the long and celebrated tradition of high-quality television design in Canada.

"And where's the good business sense in this? This is a hell of a price to pay to save \$1 million out of a \$1.6 billion budget."

By the end of the summer, CBC will no longer be able to design sets, or make costumes, props, or special effects in what has been the centre of television production for the public broadcaster. Employees were told today that design equipment would be sold off in July.

Of the 79 layoffs announced today, most are in the design area. It is likely the CBC will try to use whatever savings may come from the

demise of the Toronto design department to buy more programs from outside producers.

"Clearly, the CBC is abandoning TV production as a core business," says Amber. "Until today, if you were developing a program or changing the set, you could work closely with the set designers and construction crews to make sure the look was right. Working with outside people won't be as easy or effective.

"The CBC is slamming the door on a seasoned and talented group of people whose skills are among the best in the industry. They have given CBC TV its public face. Producers and directors making programs don't even know who they will be dealing with from one day to the next."

Don Ferguson, a member and co-creator of CBC's highly successful TV show, *Royal Canadian Air Farce*, agrees. "Today marks the end of the dream," says Ferguson. "One of the reasons we stayed with CBC is that everything is in this building. For example, we get a script Monday, we design and build all the sets and costumes through the week, and we are on the air Friday. It's the proximity of everything that makes this so special."

"Over the last 20 years, the CBC reduced the number of programs it made inside, and has been buying more and more from the commercial sector," says Lareau. "With better funding and political will, there was always the possibility of the public broadcaster making more of its own programming again. But this move puts an end to that.

"If the design department was maintained and managed differently, it could be a valuable resource for the country's film, theatre and TV production industry and a source of revenue for the CBC."

The CBC says that other broadcasters don't do inside design. However, Radio-Canada has a design department in Montreal with at least 133 employees.

Affected employees are meeting today with representatives of the Guild and a meeting of the design group has been called for Monday to explore options for the future.

For more information, contact the Guild, guild @ interlog.com at 416-591-5333 or 1-800-465-4149 (via Ori Siegel, ON, ODXA via DXLD)

**** CANADA. CABLE OPERATORS TO GET BREAK FROM RADIO**

From the CRTC website:

<http://www.crtc.gc.ca/archive/ENG/Notices/2006/pb2006-51.htm>

Request to repeal section 22 of the Broadcasting Distribution Regulations

In Call for comments on a request by the Canadian Cable Telecommunications Association to repeal section 22 of the Broadcasting Distribution Regulations, Broadcasting Public Notice CRTC 2005-74, 25 July 2005, the Commission invited comment on a proposal that section 22 of the Broadcasting Distribution Regulations (the Regulations) be repealed.

The Commission, based on its examination and analysis of the record of this proceeding, has determined that retention of all of the requirements of section 22 is no longer appropriate or necessary, and will amend section 22 of the Regulations to require only that Class 1 BDUs, and those Class 2 BDUs that elect to distribute audio programming services, distribute local community, campus and native radio stations, as well as at least one CBC radio station operating in French and one in English.

(Lengthy text explaining the decision is available by following the link above.) (Ricky Leong, AB, April 19, DX LISTENING DIGEST) Viz.:

CRTC: Commercial radio being cut from cable

BROADCASTING --- As few were listening, CRTC allows freeing up of bandwidth for digital and HDTV --- GRANT ROBERTSON MEDIA REPORTER

Cable providers have been cleared by Ottawa to drop dozens of radio stations from their services in order make room for digital and high-definition television channels.

The federal broadcast regulator said yesterday it will no longer require distributors to carry commercial radio stations on their analog wires ñ a throwback to the 1970s when FM was added to cable in order to boost the industry's reach. . .
<http://www.theglobeandmail.com/servlet/story/LAC.20060420.RCABLE20/TPStory/Business>
(via Kevin Redding, ABDX via DXLD)

** CANADA. CHER-950 Sydney NS has applied to the CRTC to move to FM (98.3 MHz, 100 kW):
<http://www.crtc.gc.ca/archive/ENG/Hearings/2006/n2006-4.htm#77>

Sydney, Nova Scotia Application No. 2006-0106-4

Application by Maritime Broadcasting System Limited to convert radio station CHER, Sydney, Nova Scotia from the AM band to the FM band.

The new station would operate on frequency 98.3 MHz (channel 252C1) with an effective radiated power of 100,000 watts (non-directional antenna/antenna height of 51 metres).

The applicant is requesting permission to simulcast the programming of the new FM station on CHER for a period of three months from the date of implementation of the new station. 73, (via Deane McIntyre, VE6BP0, April 20, DX LISTENING DIGEST)

** CHAD. 6165, Rdif. Nationale Tchadienne, N'Djamena, 2045-2230*, Apr 14, still on the air after the failed attempt from Sudanese militia of a coup d'État in N'Djamena three days ago with 375 persons killed. French with Afropop and native music and song. ID 2200 as "Radiodiffusion Nationale Tchadienne", news about Chad which often was mentioned. Also heard "coup d'État" and "terrorists". Closed with their national anthem by orchestra. Croatia which usually dominates the frequency here, was not heard. 44444, at times 43433 due to QRM from a weak Spanish speaking station, maybe R Habana Cuba until 2300*? (Anker Petersen, Denmark, DSWCI DX Window April 19 via DXLD)

Not aware RHC using 6165; R. Logos, BOLIVIA supposed to run to 2300* on 6165 (gh, DXLD)

** CHINA. 4190, Voice of Minorities (= CNR 8), Beijing, *2100-2200*, Mar 17, Korean talks, mentioning Beijing, very weak, but heard // 5420 (Roland Schulze, Germany, DSWCI DX Window April 19 via DXLD) Both were also heard by another DX-er in Feb 2006 as shown on our Tropical Bands Monitor (DSWCI Ed. Anker Peterson, ibid.)

** CHINA [non]. Sound of Hope (via Taiwan). Received today a set of four QSL cards, (one for each date heard) each one depicting different paintings/photos, with a reverse verification statement in English and Chinese, with a list or schedule of the frequencies used. Also sent a book marker, with text in Chinese, web site and schedule. The reply came within a envelope with this return address: Sound of Hope Radio Network, Inc. 2520 Wyandotte Street, Suit A. Mountain View, California, 94043 e-mail: contact @ soundofhope.net Yet the envelope [had] a nice set of Republic of China stamps (mailed from Taiwan?)

This in response to numerous attempts, with a least two follow-up enquiries to: englishfeedback @ soundofhope.org Mr. Raoul McAllister replied 'that he had forwarded my reports to our special contacts for these matters in Taiwan.' Total time of just over 13 months, with the last follow-up, 5 months ago (Edward Kusalik-Alberta, CANADA, April 19, DX LISTENING DIGEST)

** COLOMBIA. 6010, 1645-, La Voz de tu Conciencia, Mar 14. Very good signal in mid day with an 'Iglesia Cristiana' ID at 1657 (Volodya

Salmaniw, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

6010.1, 1558-, La Voz de tu Conciencia, Mar 15. Excellent reception throughout the day with a slightly overmodulated signal. One of a handful of tropical band and 49 meter band stations heard all day in the Napo jungles (Volodya Salmaniw, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** COLOMBIA. Marfil Estéreo, 5909.91, 0510-0720+ April 14 and 15, Spanish announcements, ads, ID. Variety of Spanish pops/ballads, campo music. Plus some US country music and US pop music by Billy Joel. Good, strong, some occasional RTTY QRM (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** COLOMBIA. 5910, Marfil Estéreo, 2158-2240, 19-04, canciones colombianas, identificación entre canciones: "Marfil Estéreo 88.8", locutora leyendo saludos para los oyentes, felicitaciones de cumpleaños. "Cinco treina y uno de la tarde en Marfil Estéreo. 34333. También 0630-0725, 20-04, identificación: "Marfil Estéreo 88.8, la gente de paz que cubre todo el mundo". Comentario religioso: "El mensaje de hoy es el libro de Zacarías, segunda parte", locutor habitual de La Voz de tu Conciencia, canciones. 34333.

6010, La Voz de tu Conciencia, 0658-0750, 20-04, comentarios religiosos, locutor habitual de esta emisora. Señal débil. Interferencia de Radio Mil en la misma frecuencia. 22222 variando a 12221.

6035, La Voz del Guaviare, San José de Guaviare, 2235-2248, 19-04, canciones en español presentadas por locutor: "Continuamos con estas bonitas canciones en La Voz del Guaviare, son las cinco de la tarde con treinta y ocho minutos". 23222 (Manuel Méndez, Lugo, España, escuchas realizadas en Friol, 27 Km. W de Lugo. Grundig Satellit 500 y Sony ICF SW 7600 G, Antena de cable, 10 metros, orientada WSW, DX LISTENING DIGEST)

** COLOMBIA. 6035, 1605-, La Voz del Guaviare, Mar 15. Excellent reception and ID at this time in Spanish.

6035, 1650-, La Voz del Guaviare, Mar 14. Very good reception with a full ID in Spanish. Local ads for Guaviare at 1656, then ID as 'La Voz del Guaviare, la revolución'. No ID at TOH, though (Volodya Salmaniw, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** COSTA RICA. 5054.6, TIFC, R. Faro del Caribe, verified with a non data letter and a full data English/Spanish mini-transmitter card in 129 days from v/s Lic. Ronald Ortiz R., Administrative Manager. The

letter noted, "We would like to suggest you also try the signal by internet <http://www.farodelcaribe.org> where you can listen to the signal of 1080 AM (and also 97.1 FM) that is the same you reported to us, using the radio station's computer program REAL AUDIO. Also to see the work at the cabin through the MSN camera. Our email is farodelcaribe @ hotmail.com " (Rich D'Angelo, PA, Apr 10, DSWCI DX Window April 19 via DXLD)

** CROATIA. Re unID on 5040 under PAPUA NEW GUINEA, perhaps MYANMAR:

On 5040 there is always (when on air) the mixing product from Croatia (6165-1125), so check for parallel 6165, 7365, or 9830. It is regularly heard well here in Europe, but not listed anywhere so usually a forgotten answer to UNID problems. 73, (Eike Bierwirth, 04317 Leipzig, DL, dxldyg via DX LISTENING DIGEST)

Yes regular mixing product. But when looking for parallel 6165 there is always a possibility that 5040 may carry a separate program. At least some time ago this was the case. The main audio on 5040 seems to be from 1125. If mw has a split programming it usually came on 5040. This mw-program dominating seems to be a pattern when mw/sw mixing product appears (Jari Savolainen, Finland, ibid.)

** CUBA. We are about to see the end of the spring equinoctial propagation peak, and slowly enter into the high atmospheric noise period of the Northern Hemisphere, that comes together with the increased expansion of the ionosphere typical of the summer months. Among the Cuban AM stations that have interesting DX possibilities are Radio Progreso relay station located at the Isle of Youth, on 730 kiloHertz with 10 kW using solid state transmitter capable of 125 percent positive peak modulation. At the same site Radio Caribe on 1220 kiloHertz running 5 kW with similar high modulation capability. 73 and DX (Arnie Coro, April 18, ABDX via DXLD)

** ECUADOR. What I find especially interesting in this HCJB item [press release as in 6-063] is that the language they're using, as they evaluate the role of shortwave in Latin America, is remarkably similar to language being used by the BBC World Service. A religious organization as well as a public service organization are wrestling with the optimum mix of programming delivery options -- as well as their strategic intent -- and, faced with different motivations and different agendas, are approaching matters in the same way. We're talking about Latin America here -- not the USA -- yet the issues remain the same (Richard Cuff / Allentown, PA, swprograms via DXLD)

** ECUADOR [and non]. Here an excerpt of the monthly message from HCJB German service to listeners for April, received via Paul Gager (it should also appear at

http://deutsch.hcjb.org/?Aktuelles_%26amp%3B_News:Abteilungsbrief
but as of now this page still contains the March edition):

``Es gab wiederholt Informationssitzungen, wo wir über die Philosophie und die Strategien der Missionsleitung informiert wurde. Dabei kam dann auch ganz klar zum Ausdruck, daß die Sendungen in Deutsch nicht mehr zu den Prioritäten zählen. Bevor wir aber konkret planen können, wie es denn nun in Zukunft für die deutschsprachige Abteilung weiter gehen soll, müssen wir noch einige letzte Entscheidungen der Leitung abwarten, die voraussichtlich im Mai dieses Jahres getroffen werden.``

Summary: They received clear signs from the mission's leadership that German has no priority anymore. For detailed plans they still have to wait for some final decisions by the leadership, expected to be made in May.

No details, but certainly to be put into context with HCJB's recent press release. As already reported: The German service of HCJB still broadcasts for Central Europe, and in A06 they even do it again directly from Pifo. By the way, the earlier posted A06 schedule still shows their 75 metre winter slot for the relay via Germany, but in fact it is now again scheduled for 6015, 1700-1800 via Wertachtal, running reduced power 125 kW, cf.

<http://deutsch.hcjb.org/?Sendungen:Sendeplan>

Well, from the German point of view the special attraction of HCJB was always to receive a signal from a transmitter in South America. This resulted in the rather high popularity of HCJB amongst shortwave listeners here in Germany, and in fact the Saturday edition of HCJB's German transmissions to Europe is entirely devoted to DXers for a long time (don't know since when exactly, at least it was already in 1993). The actual DX-related contents in this show, away from news on their own, were always contributed by German DX clubs, not just as scripts but ready on tape (or today audio files). I think this speaks volumes, not just about HCJB (Kai Ludwig, Germany, April 20, DX LISTENING DIGEST)

** ECUADOR. 690, 1728-, HCJB, Mar 14. One of few MW stations audible in the jungles of Ecuador during the day. Good reception with Spanish religious programming. Very slick and professional compared to the numerous SW stations I've heard. Noted to be parallel with 6050 at 1945 (Volodya Salmaniw, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** ECUADOR. 3810, Estación de señales horarias HD210A, Guayaquil, 0556-0601, 20-04, señales horarias, voz de hombre anunciando cada minuto: "Al oír el tono serán 0 horas, 57 minutos, 0 segundos". Identificación a las 0559: "Hora oficial del Ecuador, transmite el

sistema telegráfico de la Armada para todo el territorio Nacional".
25322 (Manuel Méndez, Lugo, España, escuchas realizadas en Friol, 27
Km. W de Lugo. Grundig Satellit 500 y Sony ICF SW 7600 G, Antena de
cable, 10 metros, orientada WSW, DX LISTENING DIGEST)

That's a new variation on the callsign; in case you can't make it out
in whatever font you are using, given above are the letters HD, the
numbers 21, and the letters OA. Really, the only number in the
callsign is 2. IOA stands Instituto Oceanográfico de la Armada, as I
have explained over and over (Glenn Hauser, OK, DX LISTENING DIGEST)

** EQUATORIAL GUINEA ECUATORIAL. 5005, Radio Nacional, Bata, 0504-
0530, 20-04, Inicio de la transmisión a las 0504, comienza con
el himno nacional (4 minutos), identificación por locutora: "Esta es
Radio Bata, una emisora de la cadena de radiodifusoras de Guinea
Ecuatorial, emitiendo las 24 horas ???, los 365 días del año en onda
corta, banda de 60 metros 5005 kHz y 4925 kHz ??? y en Frecuencia
Modulada 98.0 MHz; ofrecemos programas culturales, de entretenimiento,
infantiles, noticias. Gracias por estar aquí". Canciones africanas.
45444.

15190, Radio Africa número 2, 0805-1030, 20-04, Inicio de la
programación a las 0805, locutor inglés, programa religioso "The
resurrection, the Gospel". A las 0825 identificación por locutora:
"Radio Africa number 2, P. O. Box 9588... Mozambique". Programas
religiosos de media hora de duración, "We broadcast from the
facilities of this Radio Station, P. O. Box 12257, Milwaukee...".
Nueva identificación por locutora: "This is Radio Africa Number 2".
(Manuel Méndez, Lugo, España, escuchas realizadas en Friol, 27 Km. W
de Lugo. Grundig Satellit 500 y Sony ICF SW 7600 G, Antena de cable,
10 metros, orientada WSW, DX LISTENING DIGEST)

** EQUATORIAL GUINEA. R. East Africa, 15190 kHz. This is a tentative
log for reception of a religious program, at 0855-0910 UT, April 16
("Jesus is a friend of mine"), SINPO 34433, but no positive ID noted
(José Turner, Portugal, April 18, WORLD OF RADIO 1312, DX LISTENING
DIGEST)

** EUROPE. MYSTERY RADIO 6220 kHz --- Ciao! L'ascolto di Mystery Radio
Pirata Italo/Tedesca È possibile anche adesso, qui a Milano,
nonostante il QRN locale, segnale 9+10 db !!!! su 6220 kHz. Grazie a
Francesco per la segnalazione ! Dario Monferini RX: JRC 525

Messaggio originale di Francesco Cecconi :

MYSTERY RADIO, PIRATE

DATE: 17-04-2006 TIME: 0900-1315 UT FREQUENCY: 6220 KHz
SIGNAL: SUFF/GOOD PROGRAM: NON STOP MUSIC, ID.

audio clip su: <http://swli05639fr.blogspot.com/>
73's (Francesco Cecconi, via Monferini, bclnews.it via DXLD)

** FINLAND. Re: Finland's secret English news? I think they relayed in those cases the first national program, which has daily "YLE news" at 15.55, i.e. 1255 UT [15400, 13715], as shown on <http://www.yleradio1.fi/ohjelmatiedot/ohjelmatiedot.shtml?r1vko1>
73, (Mauno Ritola, Finland, DX LISTENING DIGEST) That fits! (gh)

** FRANCE [non]. See GABON, conveniently right below

** GABON. RFI relays via Moyabi -- Can anyone confirm whether Radio France Internationale is using Moyabi (Gabon) for the A-06 season?

The latest HFCC registration shows the following for Moyabi:

4890	0400	0600	46SE,47SW,52N	GAB	250	0	1234567	260306	291006	D
							French	GAB NEW TDF	3529	
7315	0400	0430	48S,52E,53,57E	GAB	250	127	1234567	260306	030906	D
							English	GAB NEW TDF	3579	
9580	0500	2300	47,48,52	GAB	250	350	1234567	260306	291006	D
								GAB NEW TDF	3587	
9825	0500	0530	48S,52E,53,57E	GAB	250	127	1234567	260306	030906	D
							English	GAB NEW TDF	3613	
15475	1600	1900	37,46	GAB	250	305	1234567	260306	291006	D
							Various	GAB NEW TDF	3664	
15605	0700	0800	37S,46,47S	GAB	250	305	1234567	260306	291006	D
							Various	GAB NEW TDF	9048	
17630	0700	1500	37,46	GAB	250	307	1234567	260306	291006	D
							Various	GAB NEW TDF	3684	

9580, 15475 and 17630 kHz relate to Africa No 1, whilst 4890, 7315, 9825 and 15605 kHz are RFI frequencies used in previous years. However, the HFCC registration now shows these as 'NEW' rather than 'RFI' as it did in the past.

In addition, the latest RFI schedule at http://www.rfi.fr/radiofr/statiques/afrique_ete2006.pdf does not list 4890, 7315, 9825 or 15605 kHz at the times shown by HFCC. Neither does the schedule that appeared in BC-DX in early March --- see <http://www.bclnews.it/a06schedules/rfi.htm> list Moyabi for RFI. My own monitoring also fails to show anything.

Has RFI dropped its Moyabi relays? This would seemingly leave Africa No 1 and R Japan (registrations not shown in HFCC), as well as the music station heard on 16mb, as the only stations currently using Moyabi (Tony Rogers, Birmingham, UK, April 20, BDXC-UK via DXLD)

** GALAPAGOS ISLANDS. 88.70, 1245-, Radio Santa Cruz, Mar 19. Just a

brief comment on the Galapagos. During the day, the entire MW spectrum is simply absent of any signals. None. My FM bandscan showed nothing at all in common with my 2005 WRTH. I do hope that the newer versions are more accurate. Nice ID for Radio Santa Cruz at 1245. Other FM stations noted were: Radio María on 100.70 in mono (heard at 0500), 101.9 (something Estación) Estéreo, 95.9 in stereo with classical music, 97.1 in stereo weakly heard, 98.3 in stereo with an open carrier only. I never did hear anything else but an open carrier. 98.9 in stereo at fair level, with an ad for 'Wilson's' at 1236. 100.70 mono station with low modulation but good reception otherwise. Due to the very early starts and long days in the water and hiking on land, plus the limitations of trying to listen on a boat, I did very little monitoring during this part of my trip. SW was often quite good especially on the higher bands during the day (Walt Salmaniw, Galapagos Is, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** GEORGIA. Today April 20 I heard a station with pretty poor reception on 9494.76 kHz closing down at 1122 UT with few notes from "Raindrops Keep Fallin' on My Head". Language sounded like Russian. I guess I heard Radio Rep. Abkhazia from Georgia. 73 (Jouko Huuskonen, Turku, FINLAND, Rx:AOR 7030+, Ant: 95 m lw to E, DX LISTENING DIGEST)

Yesterday [sic] I heard this very same station on exactly on same frequency at 1405 UT. Reception was a lot better. Language was not certainly Russian, but rather Georgian or Abkhaz. Nothing heard today, so it's up to propagation (Jouko, April 21, dxing.info via DXLD)

** GERMANY. DW to take Albanian, Bosnian and Serbian off shortwave

The enclosed message from Herbert Meixner says that Deutsche Welle will take the programs in Albanian, Bosnian and Serbian off shortwave as of April 25, in the case of Serbian with the exception of the 2000-2015 program which runs on single 6130, // to 1458 from Fllaka/Albania (actually I would wait and see if 6130 will indeed continue).

The concerned transmissions are 0530-0600 Albanian, 0600-0615 Bosnian and 0615-0630 Serbian on 5910 and 7190; 0930-1000 Serbian on 7190 and 9770; 1100-1130 Albanian on 9770 and 11915; 1200-1230 Bosnian and 1330-1400 Serbian on 7170 and 9770; 1500-1530 Albanian on 9605 and 17820. Site for 17820 is Sines, all others are Wertachtal (Kai Ludwig, Germany, April 21, DX LISTENING DIGEST) Rather short notice; Viz.:

Subject: [A-DX] px-Wegfall bei DW

In einem Rundbrief mit Datum 13. April, kündigt die DW den Wegfall von Sendungen ueber KW fuer Albanisch, Bosnisch und, mit der Ausnahme der Sendung um 2000-2015 UT, auch jene in Serbisch mit Datum ab 25. Aprilan. Mit Gruss, Herbert (A-DX April 21 via Kai Ludwig, DXLD)

** GERMANY. WDR DRM TEST --- Juergen Lohuis sent a log of this morning, Apr 20th: When logging Radio Waddenzee on 1602 kHz before and after 0658 UT, heard disturbance of adjacent 1593 kHz from 0658 UT onwards. WDR Langenberg is seemingly testing the new 1593 DRM mode unit of TRANSRADIO Berlin today. See WRTM 2006, page 33 ad. 73 wolffy <http://www.wwdxc.de/topnews.htm> (Wolfgang B. Schel, DX LISTENING DIGEST) Viz.:

Hallo! Heute morgen wollte ich Radio Waddenzee auf 1602 kHz hören. Der Sender kam auch schwach aber deutlich. Gegen 0658 UTC war nur noch ein starkes Rauschen zu hören. Wie ich schnell feststellte kommt das Rauschen von 1593 kHz. Offensichtlich wird der neue DRM-Sender in Langenberg getestet (Juergen Lohuis-D, wwdxc BC-DX Apr 20 via DXLD)

DRM on 5972: Hi Glenn ! Today only a data channel was transmitted on this frequency at 1500 UT. No audio signal. The label was: Data Service: Synchronous Stream Mode Bit Rate 5,52 kbps / ID: 1193046 73, (Patrick Robic, Austria, April 20, DX LISTENING DIGEST)

DRM-Test Langenberg auf 1593 kHz? Hallo! Auf 5972 kHz ist zur Zeit ein DRM-Signal aktiv mit dem Label Data Service: Synchronous Stream Mode Bit Rate 5,52 kbps / ID: 1193046. Laut DXLD 6-063 ist J.lich der Ursprung dieser Aussendung. Audio-Signal wird keines gesendet, nur 1 Daten Kanal. Ich bin mit DRM ja grundsätzlich nicht glücklich, aber ich finde sowas hat in den Rundfunkbereich nun wirklich nichts verloren. 73, (Patrick Robic, Austria, A-DX April 20 via Kai Ludwig, DXLD)

Why would they deliberately offset the frequency? Interference above or below to be avoided thus? Wasn't that the analog frequency of Andorra a few sesquidecades ago; entirely coincidental no doubt (gh, DXLD)

I haven't got a clue what the programme is but the frequency really does appear to be 5972. The DRM noise is too strong and intense to tell if any other is using 5970 but the offset does not appear to be due to adjacent stations in my area as none are audible at 1540 on 5965 or 5975 or 5980. DRM "cut off" appears to be sharper than normally is the case but there is still awful "hash" to contend with each side of nominal. Perhaps this would be called "side-splash" if the broadcast was in the AM mode? 73 (Noel R. Green (NW England), April 21, dxldyg via DX LISTENING DIGEST)

It's a data service:
<http://www.drmtx.org/forum/showthread.php?t=1385>
(Mike Barraclough, dxldyg via DX LISTENING DIGEST)

Data about what? Why isn't this in a utility band? (gh, DXLD)

Hi Glenn, the DRM fans (or in some cases just owners of decoding software) identified the 5972 signal from Jlich as data service; see the enclosed message and postings at <http://www.drmtx.org/forum/showthread.php?t=1385>

Today also first tests on 1593 from Langenberg were reported, at times DRM, at times AM with a test tone of ca. 2 kHz (instead of more common 800 Hz or 1 kHz), estimated power around 5 kW. Reportedly they run 720 with their other new TRAM transmitter now, the old tube rig has been already scrapped.

On this occasion it became also known that since late October 2005 a new 100 kW transmitter is on air from Rohrdorf on 666, replacing a 300 kW tube unit which was run at 150 kW and said to be power-hungry, leading SWR to choose this frequency for an overnight silence period (Kai Ludwig, Germany, April 20, DX LISTENING DIGEST)

** GREENLAND. Hi Glenn, 3815 usb, KNR Tasiilaq (East Greenland), QSL finally received after multiple reports. This one for a 150 second recording including time check and ID sent on disc per recorded mail to Ms. Ivalu Sovandahl Pedersen, Communication Assistant, Kissameqqortuunnguaq 15, Postboks 1007, 3900 Nuuk. Email: isp@knr.gl These details came directly from DXLD, so many thanks, I am so chuffed with this. The letter gives the schedule as 12 - 1.15 pm and 6 - 7.15 pm Greenlandic Time. I have QSLd Thule AFB from a few years back and this is a 'utility' transmitter but I'm counting it as a broadcast station.

BTW I am heading back to South Africa in August after 12 years in London. I'll be back in my home town Cape Town where there has been some truly remarkable long distance AM reception including Agana Guam recently. Regards (Graham Bell, London, England, April 21, DX LISTENING DIGEST)

3815 USB, Kalaalit Nunaata Radioa-TV, Tasiilaq. I received acknowledgement e-mail in 8 hours from Ms. Ivalu S`vndahl Pedersen, Communications Assistant at KNR in Nuuk, website: <http://www.knr.gl/english> for an e-mailed report to isp@knr.gl

Ms. Pedersen said that a QSL letter had been sent today via Air Mail. That's about as fast as they come! Next challenge: getting a "real" QSL from OZL, the transmitting station in Tasiiliq (a.k.a. Ammassalik) for the same broadcast heard on Mar 02. I have learned the hard way that e-mailing reception reports is all about timing - if you send a report to arrive in the recipient's mailbox early morning on a workday the chances of a reply are much greater. Not surprisingly reports e-

mailed on a Friday afternoon typically never make it to the top of the recipient's "to-do" list a few days later. Ms. Pedersen further wrote:

Dear Mr. Churchill, Yes, we call it Summer time/Winter time in Central Greenland. Summer time starts the last Sunday in March (This year the 26th of March) which means that we set the time one hour ahead. Winter time starts the last Sunday in October (29th 2006) when we set the time one hour behind. As this:

Central Greenland time GMT -3 (Winter time)

Central Greenland time GMT -2 (summer time)

But there are other time zones besides Central Greenland. Please have a look at this homepage which explains it more detailed:

<http://www.greenwichmeantime.com/time-zone/north-america/greenland/index.htm>
(Bruce Churchill, CA, in Dxplorer, DSWCI DX Window April 19 via DXLD)

Did he hear it on 3815 direct in CA? A fantastic 200-watt catch no later than 2215 UT = 1415 PST even in midwinter; or did he hear it via a DX-Tuner somewhere closer? As he does use, cf PAKISTAN. Or was it the morning broadcast starting at 1500 UT possibly with a near-darkness path to the west coast in midwinter? (Glenn Hauser, DXLD)

** ICELAND. 9380 USB, AFN Grindavik (tentative), 1855-1914, Apr 15 and 16, new frequency probably ex 9340, themes on churches, Iraq, travel news at 1900. Sub-marginal signal with sporadic marginal levels, max S3 (Zacharias Liangas, Greece, DSWCI DX Window April 19 via DXLD) Also heard Apr 17 and 18 at 1440-1450 and 1900, English // Grindavik 7590 which was stronger. Nothing heard on 9340 or 9980 (Anker Petersen, Denmark, ibid.)

** ICELAND. 7590-USB, AFN noted April 18 at 1720-1730 UT, with phone interview, SINPO 34444 // 9380U with SINPO 44444 (presumed Iceland also) (JosÈ Turner, Portugal, April 18, DX LISTENING DIGEST)

** INDIA. AIR CELEBRATE THE MARCONI'S BIRTH DAY

Dear DXers, World's First Tamil language DX program 'Vaanolli Ulagam' (Radio World) going to celebrate the Marconi's Birth Day. For that purpose, they are going to broadcast a special program on 23-04-2006 (Sunday). On that day program Marconi, voice cuts will be broadcast in English. So do not miss the program.

Those who are want to get the special limited edition World Smallest QSL card (6x3.5CM), send your Reception Report with 1 New IRC to the following address.

N. C. Gnanaprakasam,
Vanoli Ulagam
Thiraikadal Adaivaram Thamiizh Naatham

All India Radio
Kamarajar Salai
Chennai 600004
Tamilnadu, India

The schedule of the Tamil DX Program 'Vaanolli Ulagam'
(Radio World) is as follows:

Sundays between 1115-1215 UT (for about 10 minutes)

To Sri Lanka:
1053 kHz Tuticorin
15260 & 17860 Delhi (Kingsway)
15050 Delhi (Khampur)

To SE Asia:
13710 Bangalore
15770 Aligarh
17810 Panaji (Ardic DX Club, Chennai, India,
<http://www.dxersguide.blogspot.com> DX LISTENING DIGEST)

** INDIA. On Feb 18, 2002, I sent nine reception reports on nine local AIR stations in the tropical bands by ordinary mail to the QSL bureau at AIR Delhi, but each day I am still awaiting a response on these! (Anker Petersen, Denmark, DSWCI DX Window April 19 via DXLD)

GOA: AIR Panaji 9705, f/d card in 57 days for report via their web form! v/s Y. K. Sharma, Spectrum Management Director (Brandon Jordan, TN, dxldyg via DXLD)

It was interesting that I received this e-response from AIR today after yesterday's comment that AIR never responds to e-reports. Of course, it barely qualifies as a verification in that it only acknowledges receipt of my e-message. We shall see if the promised verification arrives in the mail. In any event, here's a name of a person who looks at these messages (Jim Renfrew, Byron NY, DX LISTENING DIGEST) Viz.:

Dear Sir, Many thanks for the reception report. It will be acknowledged after verification. You may send reports through on-line submission facility available on our website
<http://www.allindiaradio.gov.in>
with best regards, Yours Sincerely,
(Sunil Bhatia), Dy. Director (Engg.) Spectrum Management & Synergy Division, Directorate General : All India Radio, # 207, Akashvani Bhawan, New Delhi-01 website: <http://www.allindiaradio.gov.in>
(via Jim Renfrew, NY, April 19, DX LISTENING DIGEST)

** INDIA. There are still three All India Radio stations in the 90 mb: 3223 kHz Shimla, 3315 kHz Bhopal and 3365 kHz Delhi. Yesterday Bhopal and Delhi were about closing time after 1730 UTC. Maybe Shimla had gone off the air a bit earlier. Where is my favorite Gangtok, the Himalayas, Sikkim 3390 kHz these days?! Really feel confused on new AIR frequency plan. 73 (Jouko Huuskonen, Turku, FINLAND, Rx: AOR 7030+, Ant: 95 m lw to E, April 21, DX LISTENING DIGEST)

** INDONESIA. VOI, 9525, good signal at 1257 April 18, closing announcements in Korean, with gamelan music, 1300 into Indonesian, 1302 warta berita (Glenn Hauser, OK, DX LISTENING DIGEST)

** INTERNATIONAL. Have posted the IBRA Radio A06 sched at : http://www.geocities.com/alokeshgupta/ibra_a06.doc
Recvd from Eva Skog, IBRA Radio - 27th March (Alokesh Gupta, New Delhi, India, dxldy via DX LISTENING DIGEST)

** INTERNATIONAL WATERS [and non]. When Pirates Waived the Rules on Primetime Radio --- The documentary is now available here: <http://www.vintage-radio.info/audio/index.htm>
(Mike Barraclough, BDXC-UK via DXLD)

** INTERNATIONAL WATERS [non?]. MARLO Bahrain --- Hi Glenn, following a personal contact with Jari Savolainen, who has kindly indicated some recently reported MARLO Bahrain frequencies, I managed to hear the station in our quiet location on the Ligurian sea, close to La Spezia, Northern Italy. From 0330 to 0340 (sudden s/off) of April 18th, on 6844U a male announcer was reading MARLO advisories in mixed languages (accented English, Arabic and/or possible Somali, with several mentions of illegal activities along Somali coasts). In the last minutes MARLO phone numbers and email address were given. Full audio recording on <http://www.radiopassioni.it/audio/marlobahrain.mp3> 73s (Andy Lawendel, Italy, April 18, WORLD OF RADIO 1312, DX LISTENING DIGEST)

I ask again, how do you get the pirates to tune in this frequency, much less heed the threats/warnings? (Glenn Hauser, DXLD)

** IRAQ [non]. RADIO FIRST TERMER IRAQ === Hang On you guys and gals over in Iraq --- Radio First Termer Iraq is coming to your rescue. We are in Pre-Production planning now and will be bringing you a LIVE show, courtesy of some of our friends from AROUND THE WORLD!

THREE SOLID HOURS of GREAT Classic Rock Music, Tons Of NEW GAGS and a GREAT new Producer/Studio Engineer as my sidekick. We also have secured the services of a beautiful Iraqi woman who will be using her silky, sultry voice to help us ENTERTAIN THE TROOPS!

I will keep you posted HERE when we get everything IN PLACE to do the show for you guys over there. Until then, Keep the faith my brothers and sisters --- KEEP THE FAITH!

(Salute) Dave

Dave Rabbit
Radio First Termer - FM "69"
Saigon, Vietnam - 1971
Baghdad, Iraq - 2006
"Coming To A War Near You!"

<http://www.radiofirsttermer.com.vn> "And The Hits Just Keep On Coming!"
(from <http://piratedxer.com/forum/viewtopic.php?t=16> via DXLD)

** ITALY. RAI Milano 693 kHz in DRM

Ciao a tutti, La RAI da Milano ha iniziato a trasmettere (con 100 kW di potenza!) in onde medie su 693 kHz con il sistema DRM.

Qual'È l'utilità pratica di adottare una nuova tecnica di emissione senza che in commercio vi siano prodotti di consumo, a buon prezzo e dei quali il radioascoltatore non hobbistico ne sia a conoscenza? SÌ perchÈ, a parte il nostro ambiente e quello delle case produttrici di radioricevitori ed impianti trasmettenti, credo che l'utente radiofonico medio appartenente a questa epoca del DRM (o del DAB) non sappia nÈ voglia sapere nulla, tutt'al pi~ ci direbbe che "in onde medie non ci sono pi~ Radio 2 e Radio 3" e avrebbe ragione.

Personalmente, quindi, proprio non riesco ad immaginare una generazione - presente o futura - che possa o voglia usufruire di una banda di radiodiffusione che giÀ in analogico È stata *culturalmente* rimpiazzata da altri mezzi di comunicazione, oramai da molti anni.

Come si puÓ, in un periodo storico di digitale terrestre, di TV sul telefono cellulare, di podcast (tutti sistemi lanciati previa campagna pubblicitaria e messa in commercio di prodotti adeguati), pensare che una persona - intendo sempre non appassionato di radioascolto - voglia *tornare* ad ascoltare le onde medie *digitali*? Sarebbe come chiedere di fare contemporaneamente un passo avanti e uno indietro e, sinceramente, non È cosÌ semplice.

Il DRM, dunque, secondo me non È vero progresso tecnologico bensÌ un ibrido che È stato scoperto e che ha coinvolto un certo numero di produttori radio ed emittenti, mettendo in circolazione un (bel) po' di denaro. Probabilmente fino ad ora non se ne accorge nessuno, perchÈ l'operazione È ancora in corso, perchÈ alle emittenti trasmettere in DRM costa meno, consente loro di mantenere in vita certi servizi per

l'estero (anche se non riesce a sentirli quasi nessuno) e molti radioappassionati come novit  la provano volentieri, ma nel momento in cui il fenomeno volesse tentare di allargarsi - e gi  lo sta facendo - per l'ambizione di raggiungere i normali fruitori della radio, credo che farebbe la fine di ADR-Astra Digital Radio o del DAB. Come quegli edifici finanziati, costruiti, inaugurati e poi abbandonati, una consuetudine in Italia abbastanza ricorrente.

P.S. La Croazia su 594 kHz dopo un po' di proteste ha staccato tutto!
(Luca Botto Fiora, playdx yg via DXLD)

** KASHMIR. INDIA, 4830, 0112-, AIR Jammu, Kashmir, Mar 16. Fair to good reception with Indian music and then a possible ID at 0120. Time pips at 0130 and into news in a local language. When rechecked at 0215 there appeared to be cochannel interference from what sounded like illegal hams. Interesting feeling lying under a mosquito netting in the Amazon jungle, listening to All India Radio!!! (Volodya Salmaniw, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** KURDISTAN [non?]. Iraq [sic]. The new station Voice of Free Kurdistan was heard in Sofia on April 14 between 0250 and 0350 hours on 4675 kHz with a program in the Kurdish language.

Iran [sic]. Radio Voice of Strugglers of Iranian Kurdistan is back on short wave and was received in Sofia on April 14 between 0245 and 0345 hours on a drifting frequency in the range of 4400 to 4415 kHz with a program in Kurdish (Rumen Pankov, R. Bulgaria DX April 22 via John Norfolk, dxldyg via DXLD)

** LAOS. 4678.0, R Nationale Lao, Xam Nua, *2300-2315 fade out, Apr 04, opening announcement in Laotian, national anthem played by symphonic orchestra, 2305 talk (news ?), heard best in USB, 15131 (Anker Petersen, Denmark, DSWCI DX Window April 19 via DXLD)

** LATVIA. 9290, R. City, via Ulbroka, on April 16, at 0720-0740 UT, with 70's songs. ID at 0726 UT, with fair reception (Jos  Turner, Portugal, April 18, DX LISTENING DIGEST)

** LATVIA [and non]. EMR 30th Birthday Relays (all times are in UT)

Time	Frequency	Dates	Day
0830 to 0930	(13840)	22nd April	Saturday
0700 to 0800	(13840)	23rd April	Sunday (repeat)
1400 to 1600	(9290)	23rd April	Sunday
2000 to 2120	(5775)	23rd April	Sunday
1900 to 2000	(5775)	27th April	Thursday (repeat)

IRRS 13840 / 5775 khz Programme Schedule

Music Programme - Tom Taylor
Latvia 9290 khz Programme Schedule
1400 to 1445 Music Programme - Tom Taylor
1445 to 1500 RADIO A GOGO - Jean Claude George
1500 to 1600 Mail box programme - Mike Taylor
Good Listening 73s (Tom Taylor, April 18, DX LISTENING DIGEST)

Somewhat confusing, but I suppose the second group is meant to be //
on two IRRS frequencies and one Latvia? IRRS being Bulgaria, as far as
we know (Glenn Hauser, DXLD)

** MADAGASCAR. 3217.18, R Netherlands transmitter used for AWR etc.
was still on this frequency on Mar 17, off the nominal. No other
signal problems were noted (Vashek Korinek, RSA in Dxplorer via DSWCI
DX Window April 19 via DXLD)

** MEXICO [and non]. XEXQ, SLP, missing from 6045 again April 18 at
1255 check, tho there was classical music on 6055 from Nikkei. XEXQ
also missing around 1335 April 19 (Glenn Hauser, OK, WORLD OF RADIO
1312, DX LISTENING DIGEST)

** MEXICO. Radio Fonógrafo, 1150 kHz ñ MÈxico DF. Charla por OM, ide x
OM 0515 UT Marzo 19

Radio Centro, 1320 kHz, MÈxico DF. Himno nacional, ide x OM, noticias
0600 UT Marzo 19

Radio Reloj, 1590 kHz, Mexico DF, La hora y mucho m.s, ide x YL 0450
UT Abril 15.

RECEPTOR: GRUNDIG YB400, SONY ICF 7600 G, ANTENA: DIPOLO DE 25 MTS A
10 MTS DE ALTURA. HULA LOOP DE ONDA MEDIA, SUPER LOOP DE CUADRO,
ANTENA EWE : ESTE - OESTE (CESAR PEREZ DIOSES, CHIMBOTE ñ PERU, April
18, DX LISTENING DIGEST)

** MEXICO. THE TAIL WAGS THE DOG: MEXICO'S ``TELEVISA LAW`` ANOTHER
NAIL IN THE COFFIN OF FOX'S LEGACY

``Reforms`` to Mexicoís media laws will likely concentrate power (and
additional billions) in the hands of the already dominant Televisa
juggernaut.

Despite well-founded concerns over the potential effects that the
changes could have on Mexican democracy, the Mexican Congress pushed
the modifications through, and Fox signed off on the measure.

The reckless manner in which the reforms were approved reveals that
lingering apprehensions over the quality of Mexicoís political

institutions, even nearly six years after the end of the authoritarian system, are grounded in reality . . .
http://www.coha.org/NEW_PRESS_RELEASES/New_Press_Releases_2006/COHA%20Report/COHA_Report_06.06_Ley_Televisa.html
(via Bill Westenhaver, DXLD)

** MONACO [non]. 218 kHz RMC INFO REDUCED POWER !!!!!!! Ciao! su segnalazione di Gino De Nobili (zona Viterbo) ho constatato che RMC INFO su 218 kHz onde lunghe non si sentiva da 2 giorni --- ho interpellato l'amico Christian Ghibaudo di Nizza (a pochi Km dal TX di RMC INFO) ed anche lui ha constatato che il segnale era molto debole a Nizza. Una telefonata fatta al servizio tecnico del centro di Roumoules ha avuto la conferma che la potenza attualmente È ridotta al minimo --- problemi tecnici ???? A Parigi nella sede di RMC INFO addirittura non ne sanno nulla !!!!!!! (Dario Monferini, April 18, DX LISTENING DIGEST) Viz.:

Bonsoir, Je viens d'appeler le centre de Roumoules. Il me dise que l'Émetteur fonctionne, mais maintenant avec une puissance plus faible (pas dit combien de kW). IÁi ‡ Nice, la rÉception est assez faible. A suivre les prochains jours. J'ai aussi tÉlÉphonÉ ‡ RMC ‡ Paris, ils n'Étaient pas au courant. 73's (Christian Ghibaudo, April 18, via Monferini, DXLD)

You mean 216 kHz? But there is nothing else to DX on that frequency, unless there are low-power relays of the same station. WRTH is not too clear on this point (Glenn Hauser, DX LISTENING DIGEST)

A Bologna in questo momento segnale eccellente di RMC sui 216! 73,
(Stefano Valianti, 2118 UT April 18, bclnews.it via DXLD)

** NEPAL. R. Nepal heard on 5005 at 1438-1543, Apr 06, talk in Nepali and Nepali songs, advertisement including "Coca-Cola", time signal at 1515 then news. At 1535 short announcement including the word "Radio Nepal" and the station's website address information. 45444. The signal was incredibly strong and the reception condition was stable during over one hour of my reception. After about half an hour of break, I tuned this broadcast again and successfully confirmed full ID at 1615 as "Yo Radio Nepal Ho" by a female voice (Nobuya Kato, Fujisawa-city, Kanagawa, Japan, DSWCI DX Window April 19 via DXLD)

** NIGERIA. Currently VON is on air as stated in the latest schedule. The homepage hasn't been updated since Oct. 2004, and also before the schedules there were usually outdated, though they sometimes tried to update them.

A few years ago, people reported to have got a program schedule via snail mail, it is also known that QSL are sent out now and then, but

usually after quite some years, if at all. I never got one.

I tried that Email-address on the homepage some time ago, but the account was over quota. They don't give that email-address on the homepage over air, but: vonlagos @ nigol.net.ng

The mails seem to get through: at least they sometimes mention email reports in the French letterbox programme. (the English is on Monday 1305 => no chance, if on 7255 as it is now). (Thorsten Hallmann, Germany, April 21, dxing.info via DXLD)

** NORTH AMERICA. USA, 6925, 0320-, Commander Bunny, Mar 12. While relaxing in Quito, I was surprised to hear Commander Bunny with a game show parody. Transmitter cut at 0324, but was back within 30 seconds. Heard him say, 'Pirate broadcasting, that's what it is'. The Bozo family were one of the contestants. 'OK, so the Bozo family is ahead... last question... The question is... The correct answer! We have a tie.' At 0332, they ask the listener to tune in next time. Reception was quite good. I've never heard them on the west coast, so a first for me (Walt Salmaniw, Quito, Ecuador, April 15, dxldyg via DX LISTENING DIGEST

** OKLAHOMA. Re 6-059, OETA's 2-day outage on channel 13: I received this reply on April 6:

The OETA transmitter has been down since Tuesday and parts had to be ordered. Thanks for you patience and for choosing to watching [sic] OETA (Carolyn Hassan, OETA via DXLD)

I waited a few more days and then replied to her again thanking her for her swift but pro-forma reply, and now that things have settled down, would you please respond to each of my questions, or forward them to personnel who can do so? No reply still as of April 18. Hey, they're not responsible to OK taxpayers (gh)

** OKLAHOMA. WWLS Affiliates --- Glenn -- This is in regards to a question a reader had earlier about KADS. The affiliate list as <http://www.thesportsanimal.com> is correct. These are the current affiliates of The Sports Animal.

AM 640 WWLS and 104.9 FM WWLS-FM in Oklahoma City
AM 1550 KYAL in Sapulpa and Tulsa
97.1 FM KYAL-FM in Muskogee and Tulsa
AM 1490 KBIX in Muskogee and Tulsa
AM 1240 KADS in Elk City
AM 1450 KSIW in Woodward

KYAL, KYAL-FM and KBIX simulcast The Sports Animal 21 hours a day

(with a three hour local Tulsa show on weekdays). The rest of the affiliates simulcast WWLS 24 hours a day. Have a great day!

(Joel Roberts/ Creative Services Director/ Citadel Oklahoma City
KYIS-FM (98-9 KISS FM)/ WWLS-AM/WWLS-FM (WWLS The Sports Animal)
joel.roberts @ citcomm.com April 19, DX LISTENING DIGEST)

That clinches KADS as the station DXed in Europe. BTW, it used to be perpetually slightly off-frequency, and maybe still is, tho I haven't checked it lately against KFH Wichita (Glenn Hauser, Enid, ibid.)

** PAKISTAN. 5022.83, R Pakistan, Quetta, 1700-1710, Mar 19, news in presumed Urdu. Seems to have shifted from the usual 5027, good but distorted signal (Vashek Korinek in Dxplorer via DSWCI DX Window April 19 via DXLD) Also heard on 5023, 1738-1810* , Apr 10, tune thanks to Korinek's Copperton report - my virtual "DXpedition" was via DX Tuner Johannesburg. Local songs, announcement, news (presumed) 1802-1807, then Call to Prayer to 1810. Fair and adjacent channel QRM. Thanks to R. Rebelde during Quetta's 0045 transmission and the time of day of this 1700 time slot, Quetta is an otherwise non-happening on WCNA (Bruce Churchill, Fallbrook CA in Dxplorer, via DSWCI DX Window April 19 via DXLD)

** PAKISTAN. A new broadcast in English of Radio Pakistan can be heard from 0730 to 0830 hours on 15100 and 17835 kHz. Fifteen minutes of news is emitted at 16 hours on 4790, 5022, 9375, 11570, 12105 and 15725 kHz. There is an English Program on Saturday from 1530 to 16 hours on 4790 kHz (Rumen Pankov, R. Bulgaria DX April 22 via John Norfolk, dxldyg via DXLD)

** PAPUA NEW GUINEA. 4960 kHz, Catholic Radio Network. Apr. 14 at 1121-1207. SINPO 24332. Talk by a man in English. Gospel songs at 1139-1200 without any announcements. Piano music at 1200 and ID at 1210 (Iwao Nagatani, Japan, Japan Premium via DXLD) I don't recall seeing this reported for some months; wonder if they had been off (gh, DXLD)

** PAPUA NEW GUINEA [and non]. Radio New Ireland, Kavieng, Apr 19 on 3905 at 1208z in English (or at least a derivative of English, some words you'll recognize, some words you might not recognize). Female announcer and music.

Radio East New Britain, Rabaul, Apr 19 on 3385 at 1215z. Male announcer in English dialect.

Radio West New Britain, Kimbe, Apr 19 on 3235 at 1224z. Music and male announcer.

Conditions were good this morning to SE Asia. Radio Nikkei on 3925 was

very good, even the hams were shying away. I also logged several Indonesian signals, 3976 and 3325 plus carriers at 4760, 4970 and 5040.3. And, there were two carriers there Apr 20, one at 5040 and the other still at about 5040.3, possibly from stations in India and Myanmar I've been seeking. No positive IDs though (Jerry Lenamon, Waco, TX, R8B with sloper, dxldyg via DX LISTENING DIGEST) See CROATIA

** PERU. 4486, 0016-, Radio Frecuencia, Mar 13. Good level except for buzzing audio, with Andean music. Much better using SSB. Modulation was low. The transmitter cut out at 0023, but came back shortly after. I left the MP3 recorder on, so I'll have to check the recording for any good ID. Checked at 0032 when the modulation was much better. They then went into announcements which was still going on at 0115. Similar style to what I've heard from the Solomon Is and PNG with the radio being the best way to reach family members (Walt Salmani, Quito, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

5486.7, 1705-, La Reyna de la Selva, Mar 14. A presumed logging at 1:05 pm local [sic --- aren't they on UT -5??] with fair to good reception. The frequency is approximate and presumed as the Kaito 1103 only has 1 kHz resolution, although with SSB one has an idea of approximately where above or below the kHz reading the station is transmitting. Spanish talk, with mentions of 'Policia Nacional' and 'Ecuador'. Also heard 'nuestra patria'. I recorded via the mp3 recorder past 1800. At 1805 I noted music and ads and mentions of 'Amazonas'. One of the regulars heard during the daytime in the Napo jungles. At 1806:30, mentioned 'Departamento de Amazonas', and 'La congress Nacional' (or something like that; Spanish is not a language I understand). There are elections upcoming, and therefore many many ads for congressmen. Finally caught an ID at 1942.

6895, 1615-, La Voz del Campesino, Mar 14. Excellent reception with Cuban sounding music. At 1622, a TC for 22 past. ID at 1632, followed by many political ads. I heard many many such ads in the days to come, as there are congressional elections upcoming in Per'. One of the strongest stations heard in the Amazon. I remember them as regulars on their old frequency above 6955 (Volodya Salmani, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** PHILIPPINES. 15190, R. Pilipinas, April 18, 1810-1830 UT, in Tagalog, with some English, program about Olympic Games, many IDs. SINPO 35443. That's all for now ! Greetings from Portugal (Jose Turner, April 18, DX LISTENING DIGEST)

** RUSSIA. 6245, R Radonezh, Moscow, via Irkutsk, *1700-1900*, Apr 06 and 07, Russian IDs, trumpet, religious talks, news from Scandinavia, Italy, France, closing with symphonic music, new frequency ex 5940 and now summertime, 55544 (Anker Petersen, Denmark, DSWCI DX Window April

19 via DXLD)

** SPAIN. Don't you believe that the Columbine school shootings took place in Kansas, as REE News in Spanish asserted at 1404 UT April 21 on 17595. About the only thing Kansas and Colorado have in common is a border (Glenn Hauser, OK, DX LISTENING DIGEST)

** SUDAN [non]. UNITED KINGDOM. Darfur Salaam, the 15-minute humanitarian radio programme for Darfur in Sudan (Re: DXW 294) changed and expanded its schedule on Apr 03. The new schedule is: 0500-0516, 9735 and 11820, and at 1700-1716, 15515 and 17585. All these times/frequencies have been monitored and produce good to fair signal strengths on clear channels with little or no fading. The programme format remains unchanged with programming throughout in Arabic (Michael L. Ford, Newcastle UK, DSWCI DX Window April 19 via WORLD OF RADIO 1312, DXLD)

Heard via Zygi, Cyprus on 11820 at *0500-0516*, Apr 16, talks in Arabic mentioning Darfur several times, but also Sudan and Al-Jazeera TV, closed with ID mentioning BBC, 35434 // 9735 which hardly was audible with 15121.

In the January Update to WRTH 2006 this was classified as a "Clandestine and other Target Broadcaster", so in the future this station will be placed under "Clandestines" in DBS-8, DX-Windows and DX-Mirrors (Anker Petersen, Denmark, DSWCI DX Window April 19 via DXLD)

** SWAZILAND [and non]. TWR Africa A06 scheds are available at following links: Effective from : 26 March 2006 -02 July 2006

SW & MW Broadcasts from TWR-Swaziland
<http://www.twrafrica.org/Library/download-twr-swaziland.ZIP>

SW Broadcasts from TWR-South Africa
<http://www.twrafrica.org/Library/download-twr-south-africa.ZIP>

ShortWave to East Africa
<http://www.twrafrica.org/Library/download-twr-east-africa.ZIP>
(Alokesh Gupta, New Delhi, India, dxldyg via DX LISTENING DIGEST)

** TANZANIA. 5050.1, Radio Tanzania, 1833-1850, 19-04, m'sica africana, canciones, vern·culo, locutor, comentarios en vern·culo. 24322 (Manuel MÈndez, Lugo, Espaàa, escuchas realizadas en Friol, 27 Km. W de Lugo. Grundig Satellit 500 y Sony ICF SW 7600 G, Antena de cable, 10 metros, orientada WSW, DX LISTENING DIGEST)

** UKRAINE. 5880, 0340-, Radio Ukraine International, Mar 12. More

historical interest, now that the A06 season has begun, but still interesting to see how well RUI was heard in Ecuador, including the Amazon and Galapagos Is. I regularly monitored them. Normally at excellent levels with 5-5-5 SIO levels. The 0400 English broadcast was heard perfectly, while the 0100 broadcast suffered somewhat from adjacent splatter from 5875, apparently from BBC Cyprus. This night, there was a music by request show in Ukrainian at this time (Walt Salmaniw, Quito, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

5880, 0305-, Radio Ukraine International, Mar 16. Very good reception in Ukrainian except for slight adjacent splatter from 5875, which I think was the BBC in Dari from Cyprus (also very strong). Rated a 5-5-5 signal when rechecked at 0335. Truly amazing! I never hear them this strong in Victoria, unless on-line (Volodya Salmaniw, Napo River, Ecuador, April 15, dxldyg via DX LISTENING DIGEST)

** U K [and non]. INTERNATIONAL MARCONI DAY THIS WEEKEND

There should be lots of Special Event stations active on the Amateur Bands this weekend for IMD; see

http://www.southgatearc.org/news/april2006/marconi_day.htm

Also active will be GB4MHS from the new Marconi exhibition in Oxford, see <http://www.southgatearc.org/news/april2006/gb4mhs.htm>

There's an interesting video clip on the Marconi Radio Group website at <http://www.freewebs.com/mn0mrg/marconivideo.htm>

A number of clubs are about to start Amateur Radio Foundation Courses, one such is the Chelmsford club where Marconi set up his first factory; see

http://www.southgatearc.org/news/april2006/cars_foundation_course.htm

73 (Trevor M5AKA, monitoring monthly yg via DXLD)

** U S A. Interesting WBCQ Wednesday evening. Just in case you weren't monitoring then: WBCQ aired WoR #1312 at the regular 2200 UT time on 7415, but then repeated it immediately after at 2230! A blessing for me, as I had just gotten in and to the radio at 2215, so I was able to hear and tape the entire #1312.

Then Off The Hook followed as scheduled, and then there was a repeat of the Allan Weiner WorldWide program with the James Lloyd interview instead of the scheduled programming during the 0000 UT hour.

Certainly a worthwhile series of programming, and a service to WoR fans who may find the 2200 UT time too early in these days of DST and evening activities. We can only hope for a recurrence. 73, (Will Martin, MO, April 20, DX LISTENING DIGEST)

No, I did not notice, as reception was quite poor here once I confirmed the correct show started at 2200.

Another WBCQ anomaly: 18910-CLSB was on much earlier than usual, Friday April 21 at 1337 with Christian Media Network show in French; at 1338 paused for CMN promotion in English, 1340 back to French. ``ProphÈcie QuÈbec`` had previously been on 9330-CLSB during this hour, and it was again on this occasion, but NOT // the show on 18910! I chose not to try to determine if it was the same show a few seconds or minutes offset, or a totally different episode. Excellent signal too on 18910, contrasting sharply with the lack of any audible signal from slightly further Sackville on 17800 --- just DW in Hausa until 1350 (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [non]. Voice of Joy, a WRN shortwave client, would like to inform you of its new broadcasting times and frequencies:

The Voice of Joy Music Hour features some the brightest and most talented Christian artists in the world. They include the Hillsong Band, Darlene Zschech, Marty Goetz, Sacred Harp, Sandi Patti, the Vocal Majority, the Berlevag Male Choir from Norway to name a few.

We look forward to hearing from our listeners by email, and by regular postal mail. Our postal address is:

Voice of Joy Music Hour
Box 610411
Dallas, Texas 75261 USA

We can also be reached on skype 2.0 contacting us via IP phone through our email address voiceofjoy @ comcast.net Skype 2.0 is a shareware internet phone. All the listeners need is a soundcard, headset, and internet connection, and they can contact us from anywhere in the world, toll free.

Listeners who would like to make multi-language Christian music suggestions for our show can write us at voiceofjoy @ comcast.net

Best, Dean Phillips, The Voice of Joy Music Hour

The new transmission details are:

Destination: Day: Time: Frequency:

A = to Middle East plus parts of Europe and Africa Saturdays 1900-2000 UTC 6220 kHz

B = to Asia, Australia and Africa Saturdays 1300-1400 UTC 15720 kHz

22-Apr: B, 29-Apr: A, 06-May: A, 13-May: B, 20-May: B, 27-May: A, 03-Jun: A, 10-Jun: B, 17-Jun: B, 24-Jun: A, 01-Jul: A, 08-Jul: B, 15-Jul B, 22-Jul A, 29-Jul A, 05-Aug B, 12-Aug B, 19-Aug A, 26-Aug A

[in other words, the 15720 broadcasts at 13-14 replace the 6220 broadcasts at 19-20 only on these Saturdays: 22 April, 13 & 20 May, 10

& 17 June, 8 & 15 July, 5 & 12 August --- gh] END

(via Tim Ayris, Marketing Manager, WRN > TRANSMITTING SUCCESS

T +44 20 7896 9000 F +44 20 7896 9007 M+44 7747 627 607

WRN provides the broadcast industry with:

- digital and analogue satellite transmissions

- short wave and medium wave broadcasting

- DRM transmissions

- Internet services

- content hosting

- broadcast consultancy

- studio facilities

Visit us at <http://www.wrn.org> April 21, DX LISTENING DIGEST) Site???

** U S A. Re Honda radio on x-band: There are 16 markets with the billboards: Miami, Detroit, New York, Baltimore, New Jersey (city?), New Orleans, Philadelphia, Chicago, North Hollywood (San Francisco or Los Angeles?) and Houston (Raymond Humbert, April 19, DX LISTENING DIGEST) Well, that accounts for 10 and they certainly missed Tampa; how would North Hollywood be San Francisco? (gh, DXLD)

** U S A. Meishel, Love the music on Galactic Voyager, but your constant hyping of KCSN slogans is driving us nuts. A simple mention of ``KCSN`` will do, once, during every break, altho a legal ID once an hour is all that is really needed! We've got ``arts and roots`` coming out of our ears, and now you've added the HD hype. Often it seems that you give the slogans more than once during a single break. Enough! Enough! We KNOW we are listening to KCSN. We know what it is and what it does. We do NOT need to be constantly reminded with the same tired old slogans. Give your listeners some credit. If doing this is your personal choice, I beg you to reconsider. If management dictates it, tell me so I may take my complaints to them. Regards, Glenn Hauser (to Meishel Menachekanian, KCSN, via DXLD)

Hi Glenn, Thank you for your comments on my presentation. I have shared your views with KCSN manager Fred Johnson. Thank you also for listening to my show. I appreciate your support. Best wishes, (Meishel to gh, via DXLD)

Well, that's a bit noncommittal. Listening to the first hour+ of this week's show, there seemed to be a slight reduxion in the sloganeering. Check out the show yourself, UT Wed 0400-0700 via KCSN webcast, with info about it here: <http://kcsn.org/programs/galacticvoyager.html> (Glenn Hauser, OK, April 19, DX LISTENING DIGEST)

** URUGUAY. In fact, there are no SW broadcasts currently being radiated from Uruguay. Transmitter problems in the SODRE's two SW outlets were confirmed this past week after I phoned a technical

operator at site. He told that priority is on the MW side, where CX26 has been with some problems lately. He also referred to certain difficulty on obtaining spare parts and reduced budget also affects. In the general SW scene from Uruguay, owners are more interested on the Internet streaming. That is the sad truth for us, SW fans (Horacio Nigro, Uruguay, Apr 16, DSWCI DX Window April 19 via DXLD)

** VENEZUELA. Presunta Corrupci n en Telesur --- En el programa de "La Entrevista" de Radio Caracas Televisi n (Considerado un Canal Golpista junto con Globovisi n) por parte de los seguidores del Presidente Ch vez, en la secci n que conduce la periodista Berenice G mez (Conocida como La Bicha), del d a de ayer 18-04-2006; denunci  la presunta corrupci n en Telesur. Escuchar el audio en la p gina web: <http://www.noticierodigital.com/forum/viewtopic.php?t=73635> (Jorge Garc a Rangel, Venezuela, Noticias DX via DXLD)

** VENEZUELA. 5000, Observatorio Naval Cagigal, 0544-0620, 20-04, Se ales horarias, identificaci n a cada minuto, voz de hombre: "Observatorio Naval Cagigal, Caracas, Venezuela, al oir el tono ser  la 1 horas 44 minutos, 0 segundos". Interfencia de WWV Fort Collins en la misma frecuencia. 22222 (Manuel M endez, Lugo, Espa a, escuchas realizadas en Friol, 27 Km. W de Lugo. Grundig Satellit 500 y Sony ICF SW 7600 G, Antena de cable, 10 metros, orientada WSW, DX LISTENING DIGEST)

** ZIMBABWE. Re 5-063: Re: ``Another version of the story by an anonymous VOP person" --- For the sake of accuracy, this is not "another version", but is exactly the same story (including the title). If you scroll to the bottom it gives the original source as IWPR, the Institute for War and Peace Reporting, as quoted in full in DXLD 6-062 (Andy Sennitt, Netherlands, April 18, dxldyg via DX LISTENING DIGEST) Yes, I should have said ``another source`` (gh)

UNIDENTIFIED. Numbers station, 7887 kHz at 2022 UT with female voice in Spanish, abruptly off at 2044. Brings back memories of the 1960's (Rich Brock, Beaver, PA, Realistic DX300, Grundig S350, Hallicrafters S38, MFJ Tuner, End fed Zepp antenna, April 21, HCDX via DXLD)

~~~~~

#### UNSOLICITED TESTIMONIALS

\*\*\*\*\*

Keep up the good work that you are doing with your newsletter all these years. Good Listening and DX! (Stewart MacKenzie, WDX6AA, Huntington Beach, California, USA, "World Friendship Through Shortwave Radio Where Culture and Language Come Alive")

## PUBLICATIONS

+++++

HFCC A-06 at last

Glenn: Looks as though HFCC A06 listings are available.

<http://www.hfcc.org/data/index.html> (John Babbis, MD, 1447 UT April 19, WORLD OF RADIO 1312, DX LISTENING DIGEST)

I just checked the day before and this was still missing. Seems like a record delay of 24 days since start of a season; the censored ``public`` version, of course, no doubt lacking many hundreds of entries Bernd Friedewald and the ASBU don't want you to know about. But let us hope the delay has allowed last-minute changes to be included (Glenn Hauser, WORLD OF RADIO 1312, DX LISTENING DIGEST)

Castrated version of HFCC Database is available again for the A06 season. It's a pity, as usual some 1180 entries of original approx. 7155 entries cut out for the wider public to 5975 entry lines only. 73 wb (Wolfgang B, schel, DX LISTENING DIGEST)

## PROGRAMAS DX EN ESPA-OL

Hola amigos de la radio, Ésta es la p·gina web "Programas DX" desde donde tendr·s acceso a escuchar los diferentes espacios sobre el DX y las comunicaciones de las distintas emisoras de onda corta y locales alrededor del mundo. . . <http://es.geocities.com/programasdx/>

Includes MUNDO RADIAL, and several others, with more under construxion (Glenn Hauser, DX LISTENING DIGEST)

## DX-PEDITIONS

+++++

### FROM NAPO TO QUITO TO GALAPAGOS

My apologies for the tardiness of this report, but hopefully it may be of some interest to you as reports from the Amazon and the Galapagos Is. are rather sparse. I spent three weeks in Quito, Ecuador and environs, the Napo River (a major tributary of the Amazon), and finally the Gal·pagos Is during three weeks in March. My listening equipment consisted of a Kaito/Degen 1103 receiver (highly recommended!), with a RS wind up antenna of about 5 or 6 meters in length. I recorded many hours (still to be listened to, by the way) on a tiny iRiver mp3 recorder which was capable of recording some 70 or more hours of time in mono mp3 format. Pretty amazing compared to the old days of cassette tapes, and then MD. I did occasionally encounter some noise from the mp3 display, but this was usually alleviated by

moving the mp3 recorder away from the receiver.

The jungle was quite amazing (radio wise) as it was exceptionally quiet, especially during times of no local power. At our jungle location, we had generator power from 1800 to 2200 local only, which was quite nice. Although not noticeable for the most part, there still was a slight amount of noise during those hours, but still far far less than what I experience in Victoria. It's like going back in time to the days without the myriads of electronics that pollute our RF environment these days. Quito generally was pretty quiet in our location as well. The Galapagos, for the most part were a write-off, as being on a boat made it next to impossible to do any serious listening. Hope you enjoy the report. One day I'll create some audio links to the various stations heard. Keep your eye on <http://www.dxer.ca> (Walt Salmaniw, Victoria, BC, April 15, dxldyg via DX LISTENING DIGEST)

Walt's R. Logos, BOLIVIA monitoring appeared previously, and several other items from his lengthy now month-old logs are in this issue. The full report appeared April 15 in the dxld yg (gh)

MUSEA

+++++

SANDFORD MILL RADIO MUSEUM OPEN DAY - SATURDAY 22ND APRIL  
[http://www.southgatearc.org/news/april2006/sandford\\_mill.htm](http://www.southgatearc.org/news/april2006/sandford_mill.htm)

The Sandford Mill Radio Museum, Chelmsford [UK] will be open to the public on International Marconi Day - Saturday 22nd April between 10 am to 4 pm, admittance and parking free.

The museum is only open 4 or 5 times a year so this offers a rare chance to see the many fascinating exhibits that are displayed there. These include spark transmitters from the late 1890's right through to some very QRO commercial transmitters from the 1960's.

There is also a good selection of Valves and early Television Broadcast Cameras. Recent additions include a fully equipped Ships Radio Room and the collection of Marconi and other Marine Radio equipment donated by the late Donald Imber G0VIS.

The Chelmsford Amateur Radio Society will be operating all day from inside the preserved wooden hut that housed the original 2MT broadcast station. Visitors to the stations are most welcome.

Pictures of some of the Sandford Mill exhibits can be seen at <http://www.g0mwt.org.uk/events/>

A map showing Sandford Mill (Postcode CM2 6NY) can be seen at:  
<http://tinyurl.com/7mh7b>

For further information contact the secretary Martyn Medcalf G1EFL  
Tel: 01245 469008 E-mail: [info2006@g0mwt.org.uk](mailto:info2006@g0mwt.org.uk)  
Web: <http://www.g0mwt.org.uk/> (via Mike Terry, BDXC-UK via DXLD)

DIGITAL BROADCASTING  
+++++

DRM at NAB 2006

Schedule just been posted here:  
<http://www.drmrx.org/forum/showthread.php?t=1383>

In the DRM-L group Mike Adams says that they will have the final beta version of the new Roberts DRM radio at the show (Mike Barraclough, UK, April 19, DX LISTENING DIGEST)

Including ---- What's this??  
1300-1500 24-27 April 7255 West USA ABRS China  
1500-1600 24-27 April 7255 West USA ABRS China  
(Glenn Hauser, OK, DX LISTENING DIGEST) also see: GERMANY; ITALY; UK

RADIO EQUIPMENT FORUM  
+++++

SOFTWARE DEFINED RADIO TALK AT THE TRENTON COMPUTER FESTIVAL

Saturday April 22, 2006 in Ewing NJ 12:25 pm to 1:20 pm [EDT = UT -4]  
For further information check <http://tcf-nj.org>

Software Defined Radio - Evolution of Flexible Radio Architectures  
by Joe Jesson, General Electric

Software Defined Radio (SDR) is one of the fastest growing radio architectures. This talk will introduce SDR and some of the available commercial SDR radios (SDR14, DS100, WiFi, GPS Receivers) and hobbyist radios (SDR-1000 and the experimental Softrock V5). The evolution of the superhetrodyne receiver to a zero-IF design will be discussed with an emphasis of what can be demodulated through I/Q signals into A/D converters. The amazing myriad of software, which leverages the sound card will be reviewed, suggestions on improving sound card limitations will be discussed and a live demo presented.

Biography of the speaker :  
Joe Jesson is Chief Technologist for GE's Asset Intelligence business and has extensive technical management experience for Motorola, Oak

Technology, and BP Amoco. Joe holds multiple patents for Optical Sensors, Covert Patch Antenna, Membrane Switch, and Software innovations. He holds a Master's degree from DePaul University in Chicago and an MTS at the University of Chicago. Call also hold the amateur radio call sign KB9LZB (via Dan Srebnick, Aberdeen, NJ, DXLD)

#### PROPAGATION

+++++

#### HARMONIC DX EXCEEDS 30 MHZ

Hi All, Still keeping an eye above 30 MHz just in case, and bingo, just happened to tune in at 0356z and heard the carrier of V. of Korea, DPRK on 35201.1v just about coming audible and then 0358z the transmitter goes off!! A little bit annoyed to say the least. H3, 3 x 11735.

Later on at 0630z heard 30720, BBCWS in English from Singapore, H2, 2 x 15360 with news headlines at a poor level, not heard for some time, and at 0723z 30520, H2, India Domestic service, 2 x 15260, FA with talk in vernaculars, peaked about 4x3.3 but mostly 3.5x3 because of QRN, also unID harmonic on 21420 at 0807z, H3, 3 x 7140 with Chinese program with FA; fundamental was 4x3.5 and 21420 3.5x3. Asia MUF peaked at 37150 fmn at 0438z, probably one of the best days here for our main March/April F2 season.

73 (Dave Vitek, Adelaide, South Australia, grid pf95ga swl rpt; Icom R75 G5RV which works pretty well at 35 MHz! Harmonics yg via DXLD)

The geomagnetic field ranged from quiet to severe storm levels. Solar wind speed ranged from a low of near 400 km/s early on 13 April to a high of about 700 km/s early on 10 April, and again midday on 15 April. Early on 09 April, ACE sensors detected increases in temperature, density, and wind velocity, along with fluctuations in the IMF Bz to +10 to -18 nT. This was the result of a co-rotating interaction region preceding a high speed stream from a coronal hole. The geomagnetic field responded with unsettled to active periods through midday on 10 April at middle latitudes, while unsettled to major storm periods were observed at high latitudes through late on 10 April. Thereafter, and through midday on 13 April, wind speed decayed from a high of about 700 km/s early on the 10th to a low of about 400 km/s early on the 13th. During this time frame, the IMF Bz was very weak, not varying much beyond +/- 2 nT. The geomagnetic field responded with quiet to unsettled conditions at all latitudes.

By midday on 13 April, an interval of minor to major storm conditions was observed at high latitudes between 13/1200 UTC to 13/1800 UTC. The interplanetary magnetic field strengthened, and the Bz component



rotated smoothly from 13/1500 UTC through 14/1200 UTC from 17 nT to a maximum negative value of -15 nT. Solar wind speeds ranged from approximately 480 km/s to 570 km/s during this period.

By early on 14 April, the geomagnetic field strengthened further with active to minor storm readings at middle latitudes, while major to severe storm levels were observed at high latitudes. These conditions persisted through late on 15 April.

The unusual solar wind conditions appeared to be consistent with a co-rotating interaction region that may have been complicated by the presence of transient flow. The summary period ended with solar wind steady at about 600 km/s, while the IMF Bz relaxed, not varying much beyond +/- 3 nT. The geomagnetic field responded with quiet conditions at middle latitudes and unsettled to active conditions at high latitudes.

#### FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 19 APRIL - 15 MAY 2006

Solar activity is expected to be at predominately very low to low levels with isolated moderate activity possible after the return of old Region 865 on 22 April - 06 May. No greater than 10 MeV proton events are expected. The greater than 2 MeV electron flux at geosynchronous orbit is expected to be at high to very high levels on 19 ñ 22 April and again on 07 ñ 15 May.

The geomagnetic field is expected to be at quiet to unsettled levels for the majority of the forecast period. Active to minor storm conditions are expected on 02 May and again on 06 ñ 07 May, while active to major storm conditions are expected on 10 -14 May, all due to effects from recurrent coronal hole wind streams.

:Product: 27-day Space Weather Outlook Table 27D0.txt

:Issued: 2006 Apr 18 1924 UTC

# Prepared by the US Dept. of Commerce, NOAA, Space Environment Center

# Product description and SEC contact on the Web

# <http://www.sec.noaa.gov/wwire.html>

#

# 27-day Space Weather Outlook Table

# Issued 2006 Apr 18

#

| # UTC       | Radio Flux | Planetary | Largest  |
|-------------|------------|-----------|----------|
| # Date      | 10.7 cm    | A Index   | Kp Index |
| 2006 Apr 19 | 80         | 8         | 3        |
| 2006 Apr 20 | 80         | 8         | 3        |
| 2006 Apr 21 | 75         | 8         | 3        |
| 2006 Apr 22 | 80         | 8         | 3        |
| 2006 Apr 23 | 80         | 12        | 3        |

|             |    |    |   |
|-------------|----|----|---|
| 2006 Apr 24 | 85 | 8  | 3 |
| 2006 Apr 25 | 90 | 8  | 3 |
| 2006 Apr 26 | 95 | 8  | 3 |
| 2006 Apr 27 | 95 | 5  | 2 |
| 2006 Apr 28 | 95 | 5  | 2 |
| 2006 Apr 29 | 95 | 8  | 3 |
| 2006 Apr 30 | 95 | 8  | 3 |
| 2006 May 01 | 95 | 8  | 3 |
| 2006 May 02 | 95 | 20 | 4 |
| 2006 May 03 | 95 | 12 | 3 |
| 2006 May 04 | 90 | 10 | 3 |
| 2006 May 05 | 85 | 5  | 2 |
| 2006 May 06 | 85 | 25 | 5 |
| 2006 May 07 | 85 | 15 | 3 |
| 2006 May 08 | 80 | 8  | 3 |
| 2006 May 09 | 75 | 10 | 3 |
| 2006 May 10 | 75 | 20 | 4 |
| 2006 May 11 | 75 | 30 | 5 |
| 2006 May 12 | 75 | 30 | 5 |
| 2006 May 13 | 75 | 20 | 4 |
| 2006 May 14 | 75 | 15 | 3 |
| 2006 May 15 | 75 | 10 | 3 |

(<http://www.sec.noaa.gov/radio> via WORLD OF RADIO 1312, DXLD) ###